

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address. COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.augho.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/604,676 08/08/2003		Thomas B. Thrash JR.	716909.22 1675		
27128 7	590 12/30/2003		EXAM	INER	
BLACKWELL SANDERS PEPER MARTIN LLP			NGUYEN	NGUYEN, SON V	
720 OLIVE ST	REET				
SUITE 2400			ART UNIT	PAPER NUMBER	
ST. LOUIS, MO 63101		2839			

DATE MAILED: 12/30/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application	No.	Applicant(s)		
	10/604,676		KUANG-CHENG	NG-CHENG FAN ET AL.	
Office Action Summary	Examiner		Art Unit		
	Son V Nguy		2839		
The MAILING DATE of this communication ap Period for Reply	opears on the c	over sheet with t	he correspondence a	ddress	
A SHORTENED STATUTORY PERIOD FOR REPI THE MAILING DATE OF THIS COMMUNICATION Extensions of time may be available under the provisions of 37 CFR 1 after SIX (6) MONTHS from the mailing date of this communication. If the period for reply specified above is less than thirty (30) days, a re If NO period for reply is specified above, the maximum statutory period Failure to reply within the set or extended period for reply will, by statu Any reply received by the Office later than three months after the maili earned patent term adjustment. See 37 CFR 1.704(b).	.136(a). In no event ply within the statuto d will apply and will a	, however, may a reply ry minimum of thirty (30	be timely filed) days will be considered tim from the mailing date of this	ely. communication.	
1) Responsive to communication(s) filed on					
2a) ☐ This action is FINAL. 2b) ☑ This	s action is non	-final.			
Since this application is in condition for allow closed in accordance with the practice under	ance except fo Ex parte Qua	or formal matters yle, 1935 C.D. 1	, prosecution as to th 1, 453 O.G. 213.	ne merits is	
Disposition of Claims					
4) Claim(s) 1-15 is/are pending in the applicatio	n.				
4a) Of the above claim(s) is/are withdr	awn from cons	sideration.			
5) Claim(s) is/are allowed.					
6)⊠ Claim(s) <u>1-15</u> is/are rejected.					
7) Claim(s) is/are objected to.					
8) Claim(s) are subject to restriction and	or election red	quirement.			
Application Papers					
9) The specification is objected to by the Examir					
10) ☐ The drawing(s) filed on is/are: a) ☐ ac					
Applicant may not request that any objection to th					
Replacement drawing sheet(s) including the corre	ection is required	if the drawing(s)	is objected to. See 37	CFR 1.121(d).	
11) The oath or declaration is objected to by the I	Examiner. Not	e the attached O	office Action or form I	PTO-152.	
Priority under 35 U.S.C. §§ 119 and 120					
12) Acknowledgment is made of a claim for forei a) All b) Some * c) None of: 1. Certified copies of the priority docume 2. Certified copies of the priority docume 3. Copies of the certified copies of the prapplication from the International Bure * See the attached detailed Office action for a lis 13) Acknowledgment is made of a claim for domes since a specific reference was included in the foreign language p 14) Acknowledgment is made of a claim for domes reference was included in the first sentence of	ints have been ints have been into have been into hocumer au (PCT Rule st of the certificatic priority undirect sentence corovisional appartic priority undirect sentence or provisional appartic priority undirects.	received. received in App nts have been re 17.2(a)). ed copies not rec der 35 U.S.C. § of the specification dication has been	lication No ceived in this Nationateived. 119(e) (to a provision on or in an Application received.	nal application) on Data Sheet. se a specific	
Attachment(s) 1) Notice of References Cited (PTO-892)		ο Π. I-1I-1 ο ····	nmary (PTO-413) Paper N	lo(e)	

Application/Control Number: 10/604,767 Page 2

Art Unit: 2839

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

 Claims 1-15 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claim 1, lines 5-6, applicant should clarify "each conductive layer" and "two insulating layers". Does applicant intend "each conductive layer of a plurality of conductive layers? and "two insulating layers" among of a plurality of conductive layers.

Allowable Subject Matter

Claims 1-15 would be allowable if rewritten or amended to overcome the rejection(s)
 under 35 U.S.C. 112, second paragraph, set forth in this Office action.

Conclusion

 Any inquiry concerning this communication or earlier communications from the examiner should be directed to Son Nguyen whose telephone number is (703) 308-8745. Application/Control Number: 10/604,767 Page 3

Art Unit: 2839

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn Feild, can be reach on (703) 308-2710. The fax phone number for this Group is (703) 308-7722.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-1782.

SON V. NGUYEN PATENT EXAMINER

Stylysn